

#### Course Director day 1

- Prof. Eric Buchser,  
Morges, Switzerland  
Scientific program director &  
ECMT Board member

#### Faculty Day 1

- Corinne Avelines MSc  
Lausanne, Switzerland
- Prof. Fabrizio Benedetti  
Turin, Italy
- Prof. Carsten Dahl Mørch  
Aalborg, Denmark
- Prof. Sam Eldabe  
Middlesbrough, United  
Kingdom & Morges,  
Switzerland
- Prof. Rod Taylor  
Glasgow, United Kingdom

#### Target Audience

Health Care Professionals who:

- Have a commitment to  
Neuromodulation therapies
- Are involved in research in  
the field of neuromodulation
- Have attended an ECMT  
training

#### Venue

Gasthuis by Martin's Klooster  
Onze Lieve Vrouwstraat 18  
3000 Leuven  
Belgium

#### Mdeon visum

Visum request in process

## NeuroScience meeting

### The future of neuromodulation, celebrating 30 years of continuing medical training

**12 & 13 December 2025**

**Gasthuis by Martin's Klooster - Leuven, Belgium**

#### Course description

What is the science behind Neuromodulation therapies.  
Important networking between scientists and clinical practitioners.

#### Learning Objectives

Review latest science on Neuromodulation therapies. The Forum will bring together pain management physicians, anesthesiologists, neurosurgeons, neurologists, movement disorders specialists, headache specialists, rehabilitation specialists, urologists and colorectal surgeons to discuss the implications of the latest modeling research and studies on clinical practice, and potential applications in the future. Day 2 will be about the future of Neuromodulation therapies and medical education.

## Friday, December 12, 2025

**14:00 Welcome and introduction of Faculty and Participants**  
Prof. Eric Buchser

**14:20 30 years of collaboration with Medtronic on medical education in Neuromodulation**  
Natasha Lucenay

**14:30\* Artificial Intelligence & machine learning**  
Corinne Avelines MSc

**15:15\* Placebo**  
Prof. Fabrizio Benedetti (virtual)

**16:00 Afternoon break**

**16:30\* Exploring the biophysics behind Neurostimulation**  
Prof. Carsten Dahl Mørch

**17:15\* How to design the positive Neuromodulation study**  
Prof. Rod Taylor & Prof. Sam Eldabe

*\*25 minutes presentation per speaker and 20 minutes discussion*

**18:25 Reflections of day 1**  
Prof. Eric Buchser

**18:30 End of session day 1**

**20:00 Group dinner & presentation: History of ECMT and 30 years of continuing medical education in neuromodulation therapies**  
Prof. Jean-Pierre Van Buyten, Chairman of ECMT

#### Course Director Day 2

- Prof. Jean-Pierre Van Buyten  
Sint-Niklaas, Belgium  
ECMT Chairman

#### Faculty day 2

- Medtronic scientist (TBD)
- Pain break-out:
  - Prof. Dirk De Ridder  
New Zealand & Belgium
  - Dr. Ashish Gulve  
Middlesbrough, United Kingdom
- Brain break-out:
  - Prof. Robert Jech  
Prague, Czech Republic
  - Prof. Kai Lehtimäki  
Tampere, Finland
  - Dr. Michael Schüpbach  
Bern, Switzerland
- Pelvic break-out:
  - Prof. Emma Carrington,  
London, United Kingdom
  - Prof. Mark Janssen  
Maastricht, Netherlands
  - Prof. Philip Van Kerrebroeck  
Belgium

#### ECMT Board Members & Moderators day 2

- Dr. Stephanie Breukink  
Maastricht, Netherlands
- Prof. Erik Cattrysse  
Brussels, Belgium
- Prof. Stefan De Wachter  
Antwerp, Belgium
- Prof. Maarten Moens  
Brussels, Belgium
- Prof. Tom Theys  
Leuven, Belgium

#### For information & on-site support, please contact

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## Saturday, December 13, 2025

### 09:00 Innovation within technology of Neuromodulation

#### Integration with Digital Health

Remote Monitoring and Telemedicine: Devices with connectivity features may allow clinicians to remotely monitor and adjust therapy settings (TBC)

### 10:00 Morning break

### 10:30 Future of Neuromodulation

Break-out sessions per therapy with interactive group discussions. All participants are kindly invited to actively contribute to the discussions

#### Pain - Moderated by Prof. Buchser, Prof. Van Buyten & Prof. Cattrysse

- **Future wave forms in Neuromodulation**  
Prof. Dirk De Ridder
- **Is Closed Loop Stimulation of added value in SCS? Did it change your practice?**  
Dr. Ashish Gulve
- **Neuromodulation beyond Persistent Spinal Pain Syndrome**  
Prof. Jean-Pierre Van Buyten

#### Brain - Moderated by Prof. Moens & Prof. Theys

- **Title TBD**  
Prof. Kai Lehtimäki
- **Title TBD**  
Prof. Robert Jech
- **Title TBD**  
Dr. Michael Schüpbach

#### Pelvic - Moderated by Dr. Breukink & Prof. De Wachter

- **Personalized and Adaptive Therapy**  
Closed-Loop Systems for Sacral Neuromodulation, realistic or utopia?  
Prof. Mark Janssen
- **Improving Outcomes and Accessibility**  
What have we learned from the past and what could be the ideal future study for urologists and colorectal surgeons?  
Prof. Philip Van Kerrebroeck
- **How to implement the patient's voice in future trials**  
Prof. Emma Carrington

### 12:30 Future perspectives - the next 30 years of ECMT

Prof. Van Buyten & ECMT Board of Directors

### 13:00 Wrap-up and group lunch

### 14:00 End of program

Transfers to BRU/CRL airports & Leuven/Brussels Midi train stations

*All times mentioned are in CET (UTC/GMT+1)*